

provided to place the application in idiomatic English, and the claims are amended to place them in better condition for examination.

An early and favorable examination on the merits is earnestly solicited.

Respectfully submitted,  
COOPER & DUNHAM LLP

A handwritten signature in black ink, appearing to read "Jay H. Maioli". The signature is written in a cursive, flowing style.

Jay H. Maioli  
Reg. No. 27, 213

JHM:gr

VERSION WITH MARKINGS TO SHOW CHANGES MADE  
IN THE ABSTRACT OF THE DISCLOSURE

Please amend the Abstract by rewriting same to read as follows.

[To provide a] A method of controlling transmission and a device for controlling transmission capable of notifying the updating of management data simultaneously to all communication stations on the network. A method of controlling transmission in which a region (down management data transmission section (CS)) is secured in advance for transmitting the management data to be updated even when the management data has a constitution of a variable length, in order to notify the management data and the update timing (cycle time data 51-1, network ID 51-2, data updating counter 51-3, SSP counter 51-4, SSP period 52-1, SSP number 52-2, band reservation data number 52-3, frame end pointer 52-4, data size of variable-length frame 52-5, station data (#1 to #4) 54-1 to 55-2, and band reservation data (#1 and #2) 56 and 57 to the whole network, in order to update the management data at one time at a specified timing.

IN THE CLAIMS

Please amend claims 1-17 by rewriting same to read as follows.

--1. (Amended) A method of controlling transmission in a control station on a network [comprising] formed of said control station and plural communication stations [controlled for their], wherein communication is controlled based upon management data from said control station, [wherein] the method comprising the steps of:  
controlling said control station [sets] to set in advance management data provided with a free region;

when said management data are to be updated, causing said control station [forms] to form timing data for effecting the

updating and update management data describing the contents to be updated in said free region, and [transmits] transmitting said update management data to said communication stations; and

causing said control station [update] to update the management data on the network at a timing specified by said timing data.

--2. (Amended) [A] The method of controlling transmission according to claim 1, wherein said control station repetitively transmits said formed update management data plural times until the timing of updating said management data.

--3. (Amended) [A] The method of controlling transmission according to claim 1, wherein the timing data transmitted from said control station is used as data of a counted value, [the] counting-down is effected from [a] the counted value specified by said timing data, and the management data are updated when the value that is counted-down has reached a predetermined value.

--4. (Amended) [A] The method of controlling transmission according to claim 3, wherein said management data are periodically transmitted with a frame period set by the control station as a reference, and said counted value is counted down with said frame period as a unit.

--5. (Amended) [A] The method of controlling transmission according to claim 1, wherein the management data are updated on the network at a timing specified by said timing data, and [a] the free region is set to the management data for [the] a next updating [next time].

--6. (Amended) A method of controlling transmission in a

control station on a network [comprising] formed of said control station and plural communication stations [controlled for their], wherein communication is controlled based upon management data from said control station, [wherein] the method comprising the steps of:

when a portion of said management data [are] is to be [partly] deleted, causing said control station [forms] to form timing data for effecting the deletion and update management data describing other management data utilizing [a] the portion that is to be deleted, and [transmits] transmitting said update management data to said communication stations; and

causing said control station [deletes part] to delete a portion of said update management data on the network at a timing specified by said timing data.

--7. (Amended) [A] The method of controlling transmission according to claim 6, wherein said control station repetitively transmits said formed update management data plural times until the timing of deleting [part] the portion of said management data.

--8. (Amended) [A] The method of controlling transmission according to claim 6, wherein the timing data transmitted from said control station is used as data of a counted value, and [the] counting-down is effected from [a] the counted value specified by said data, and [part] the portion of the management data is deleted when the value that is counted-down has reached a predetermined value.

--9. (Amended) [A] The method of controlling transmission according to claim 6, wherein said management data are periodically transmitted with a frame period set by the control station as a reference, and said counted value is counted down with said

frame period as a unit.

--10. (Amended) A device for controlling transmission in a control station on a network [comprising] formed of said control station and plural communication stations [controlled for their], wherein communication is controlled based upon management data from said control station, said device for controlling transmission comprising:

communication means for effecting radio communication with said communication stations on said radio network; and management data-forming means for forming management data having a free region set in said management data used in common on said radio network[;], wherein

when said management data are to be updated, said management data-forming means forms timing data for effecting the updating and forms update management data describing the contents to be updated in said free region, and [updates] said management data is updated at a timing specified by said timing data.

--11. (Amended) [A] The device for controlling transmission according to claim 10, wherein said timing data is used as data of [the] a counted value, and said management data-forming means effects [the] a count down from [a] the counted value specified by the data, and updates the management data when the value that is counted down has reached a predetermined value.

--12. (Amended) [A] The device for controlling transmission according to claim 10, wherein said management data-forming means updates the management data at a timing specified by said timing data, and sets a free region to the management data for a next

updating [next time].

--13. (Amended) A device for controlling transmission in a control station on a network [comprising] formed of said control station and plural communication stations [controlled for their], wherein communication is controlled based upon management data from said control station, said device for controlling transmission comprising:

communication means for effecting radio communication with said plural communication stations on said radio network; and management data-forming means for forming management data used in common on said radio network[;], wherein

when a portion of said management data [are] is to be [partly] deleted, said management data-forming means forms timing data for effecting the deletion and update management data describing other management data utilizing a portion to be deleted, and deletes [part] the portion of said management data at a timing specified by said timing data.

--14. (Amended) [A] The device for controlling transmission according to claim 13, wherein said timing data is used as data of [the] a counted value, and said management data-forming means effects [the] a count down from [a] the counted value specified by the data, and deletes [part] the portion of the management data when the value that is counted down has reached a predetermined value.

--15. (Amended) [A] The device for controlling transmission according to claim 13, wherein said management data-forming means deletes [part] the portion of the management data at a timing specified by said timing data, and sets a free region to the

management data for a next updating [next time].

--16. (Amended) A communication station controlled [for] in its communication by management data from a control station, said communication station comprising:

reception means for receiving management data used in common on a radio network; and

control means for controlling the communication according to the management data[;], wherein

a free region is set in advance relative to the management data[;] and,

when said management data are to be updated, said reception means receives timing data for effecting [the] an updating and receives update management data describing [the] contents to be updated in said free region , and updates said management data at a timing specified by said timing data.

--17. (Amended) A communication station controlled [for] in its communication by management data from a control station, said communication station comprising:

reception means for receiving management data used in common on a radio network; and

control means for controlling the communication according to the management data[;], wherein

a free region is set in advance relative to the management data[;] and,

when a portion of said management data [are] is to be [partly] deleted, said reception means receives timing data for effecting the deletion and receives update management data describing other management data utilizing [a] the portion to be deleted, and deletes [part] the portion of said management data at a timing

specified by said timing data.